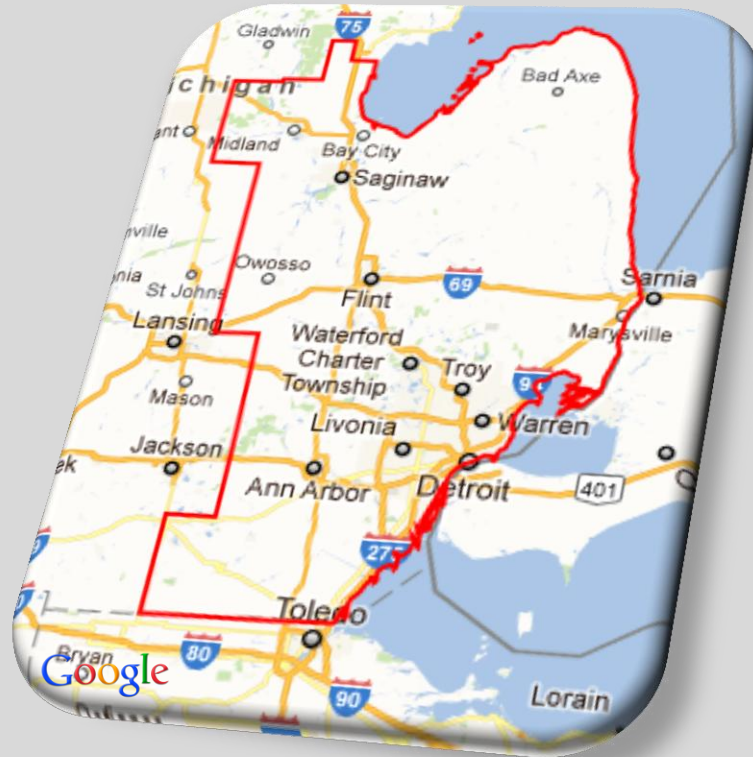




# Lake Effect Snow Briefing

## January 24, 2013



**National Weather Service**  
**Detroit/Pontiac, MI**

<http://www.weather.gov/dtx>

Email: [w-dtx.webmaster@noaa.gov](mailto:w-dtx.webmaster@noaa.gov)

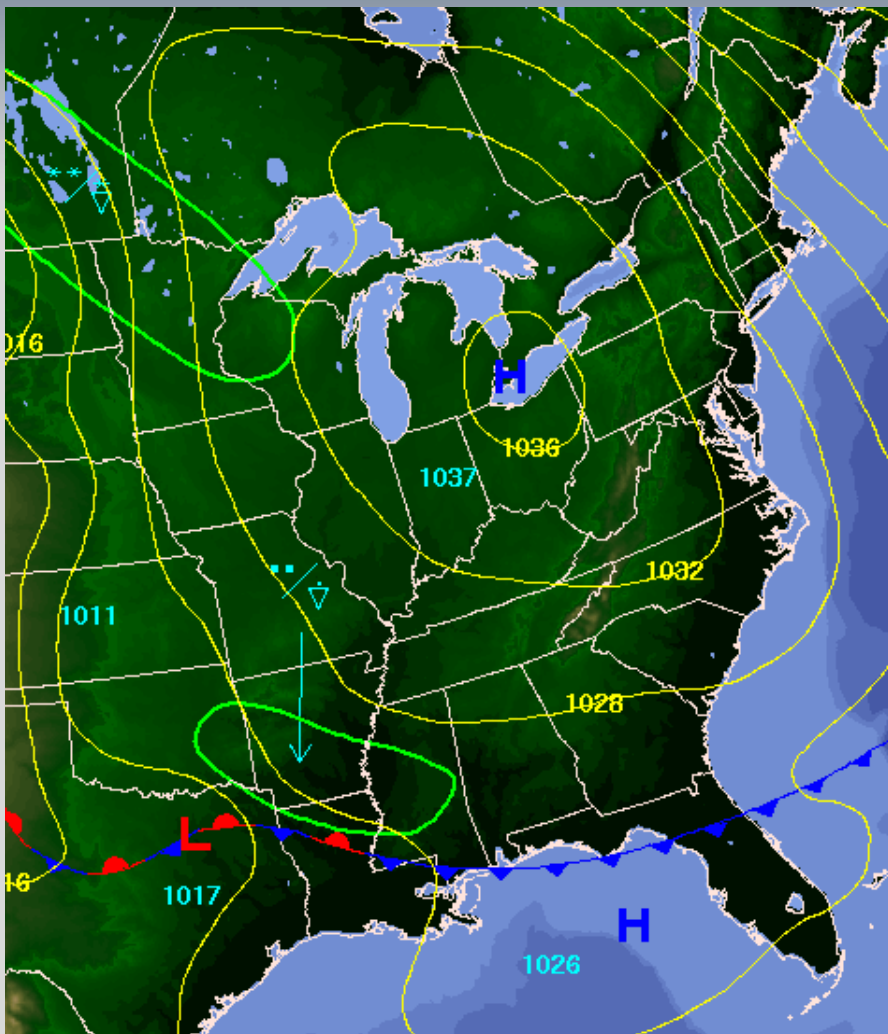


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# Decision Support Briefing Highlights

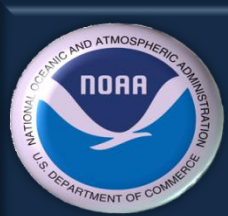


Forecast for Thursday morning

## Event Summary

**Lake Effect Snow Warning for  
potential 8+” of accumulation for  
parts of Sanilac and St Clair  
Counties**

**Lake Effect Snow Advisory for  
3-5” of accumulation for parts of  
Huron County**



# Winter Hazard Risk Assessment



**Extreme**

**High**



**Moderate**

**Low**

**This Event is a  
Rare Weather Event**

Large Disruption to Daily Life

Potentially Life Threatening

**Recovery Time**  
Several Hours to a Couple Days  
After the Weather Ends

**Extreme:**

- Historic Weather Hazard/Event
- Life Threatening
- Total disruption of daily life
- Recovery Time: days to one week

**High:**

- Rare Weather Hazard/Event
- Potentially Life Threatening
- Widespread disruption of daily life
- Recovery Time: hours to a couple days

**Moderate:**

- Common Weather Hazard/Event
- Rarely directly life threatening
- Some disruption of daily life
- Recovery Time: +/- 6 hrs of when weather ends



# Potential Impacts



## Road Conditions

- Snow-covered roads
- Snow character is expected to be dry
- Temperatures between 5F and 10F

## Additional Potential Impacts

- Blowing and drifting of snow, especially on west-east roads

Power Outage Potential	High	Medium	Low 
Blowing/Drifting Potential	High 	Medium	Low



# Timing of Winter Weather



## Early on

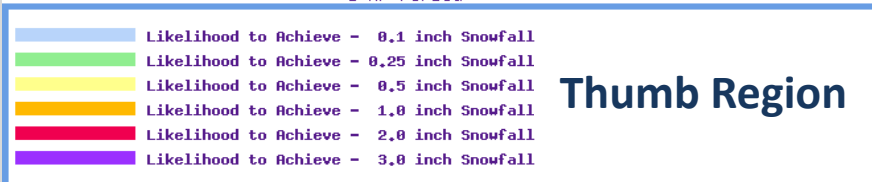
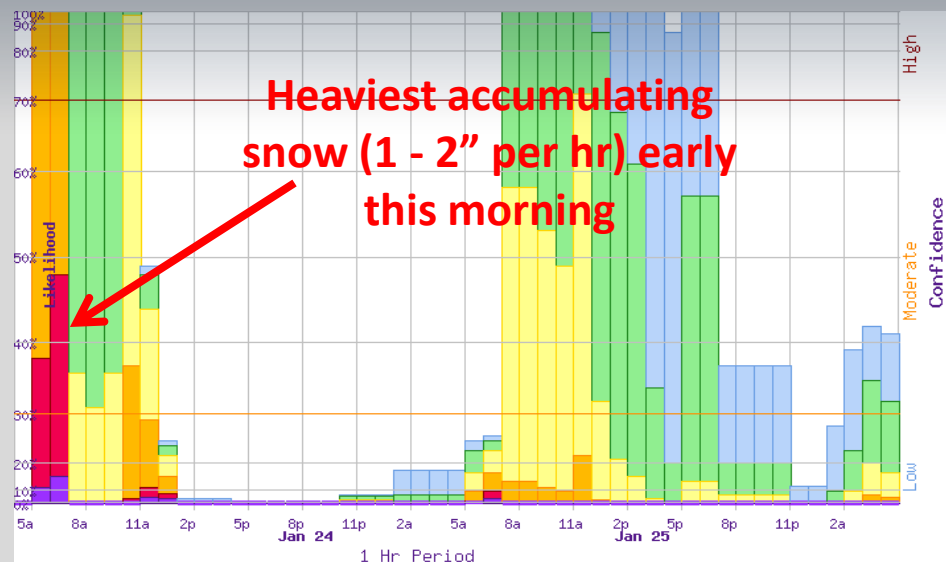
- Snow bands will realign and focus from Harbor Beach to Port Huron.

## Heaviest

- Heaviest snow through around 8 am

## Ending

- Snow will diminish to scattered snow showers by late this morning

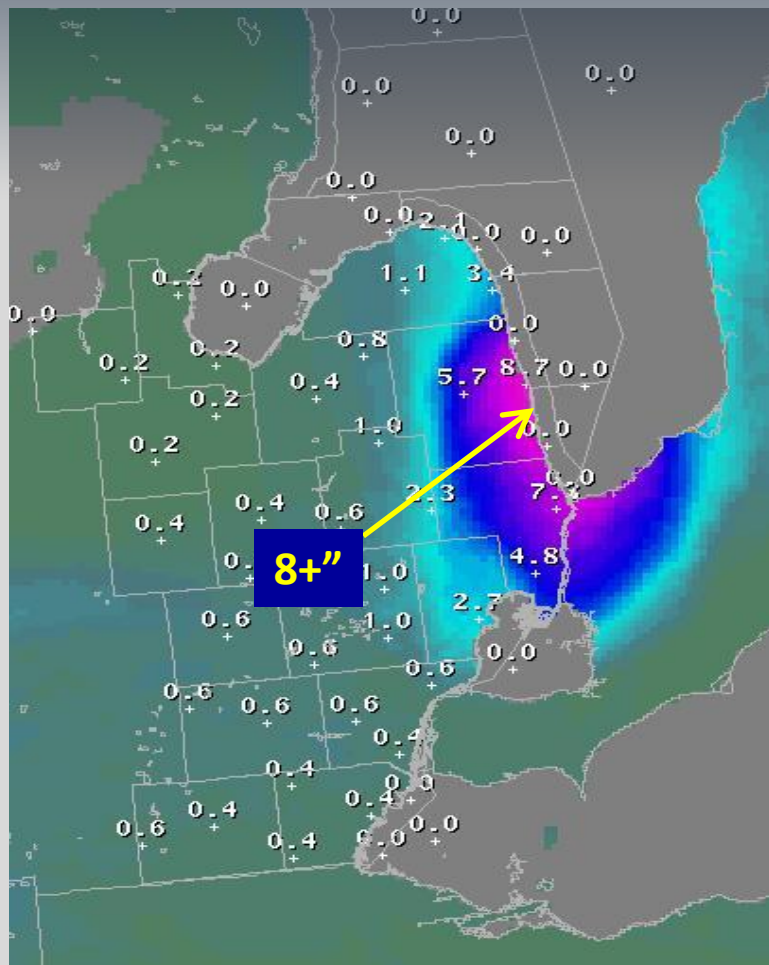


Hourly Snowfall Information



# Storm Total Snowfall

## This Morning



Thursday Morning  
(in inches)

### Snow Accumulation

- 5 to 10 inches: Thumb Region
- Highest Potential: Near Lake Huron Shoreline

### Type of Snow

Light and Fluffy

### Additional Hazards

- North Winds of 10 to 15 mph
  - Blowing and Drifting Snow
- Reduced Visibilities of Less than One Mile
  - Wind Chills of -10F to 0F



# Decision Support Briefing Summary



What	Where	Timing	Impacts
<b>Snow</b> 5-10 inches	Thumb region, especially near Lake Huron	This Morning	Snow-covered roads
<b>North Wind</b> 10-15 mph	Thumb region, especially near Lake Huron	This Morning	Reduced Visibilities Snow drifts possible on East-West roads
<b>Temperature</b> 2 to 10 ° F <b>Wind Chill</b> -10 to 0 ° F	All of Southeast Michigan	Today	Frost Bite Hypothermia Freezing of Exposed Pipes



# Additional Information



## Local Hazards Page

<http://www.weather.gov/detroit/svr.php>

## Great Lakes Marine Portal

<http://www.weather.gov/greatlakes>

## Hourly Wind Probabilities

<http://www.crh.noaa.gov/dtx/?n=pwind>

## Hourly Snowfall Probabilities

<http://www.crh.noaa.gov/dtx/?n=hourlysnowprobabilities>

## NWS Detroit/Pontiac, MI

<http://www.weather.gov/dtx>

Email: [w-dtx.webmaster@noaa.gov](mailto:w-dtx.webmaster@noaa.gov)



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